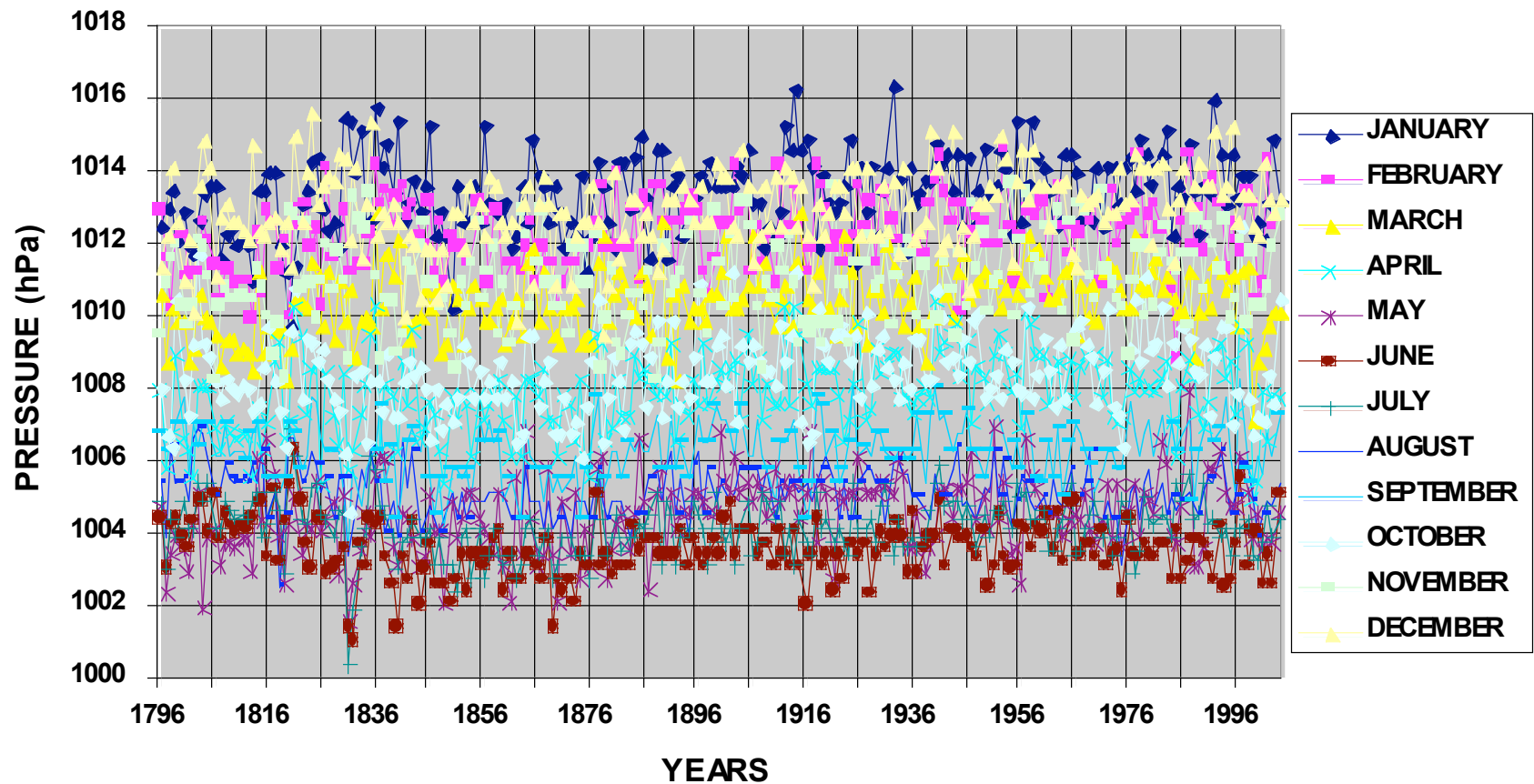




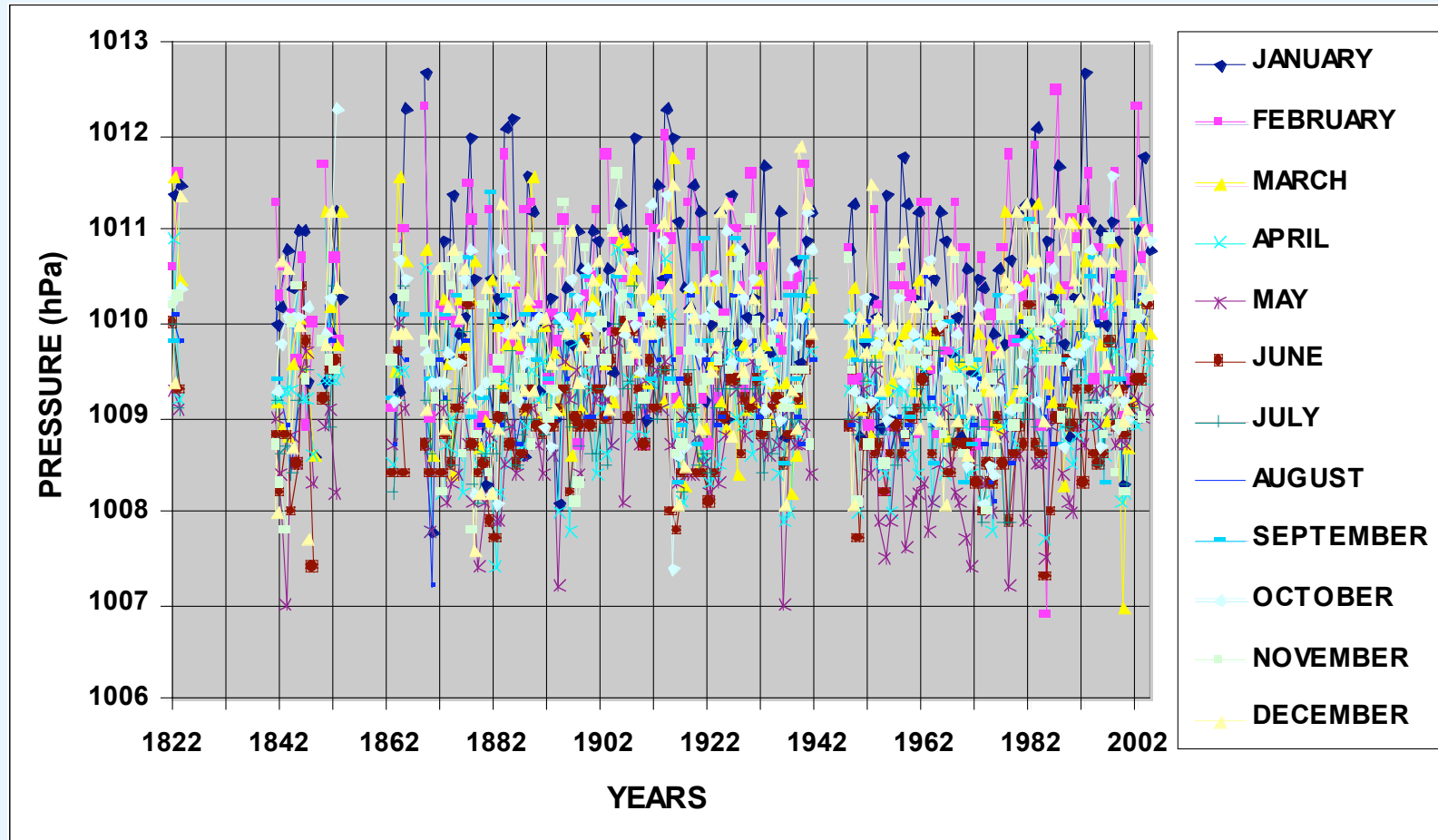
EXTENSION & RECONSTRUCTION OF LONG MSLP SERIES & INDICES

Dr Rob Allan, Hadley Centre, Met Office

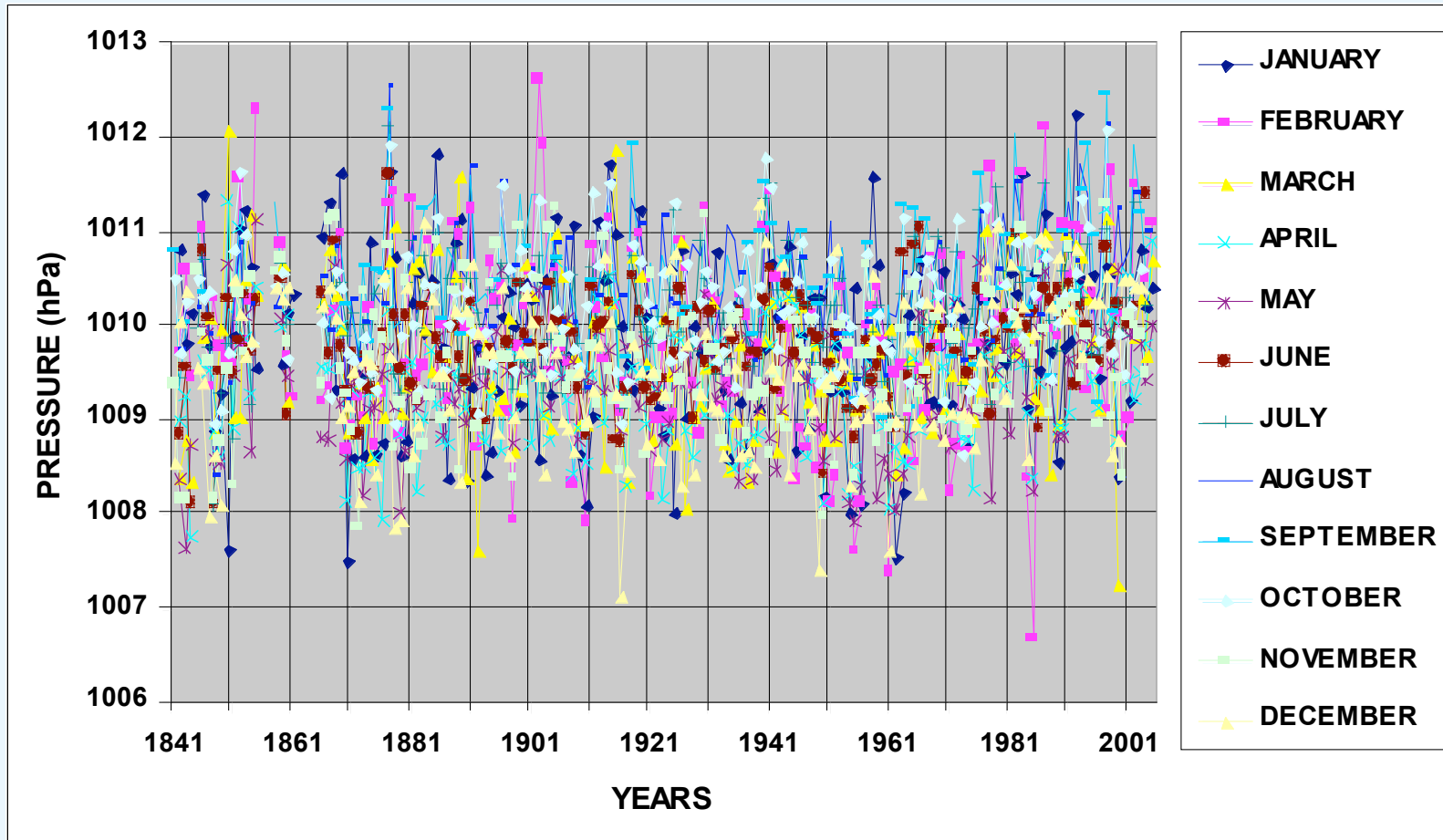
MADRAS MONTHLY MSLP



SINGAPORE MONTHLY MSLP



JAKARTA MONTHLY MSLP



Barometric pressure records at the Marseille Observatory, France

There are three periods to be distinguished :

1. 1717 to 1730 : Father Feuillée, Minime, a great traveller was frequently absent and his observations are often missing. The barometers in use are diverse and unrecognised. The Feuillée observatory was located at Long (Isle de Fer) 23°3'7" and Lat 43° 17' 34". The observations performed by Father Laval S.J. are yet to be gathered. (scattered in 28 cahiers or papers from 1698 to 1724).
2. 1730-1739 and 1743 : Father Pezenas at the Royal Observatory on the Accoules Hill near Marseille, 43 meters above the sea. This observations allow a better continuity.
3. From 1746 to the present days. Excellent continuity and completeness (in spite of two gaps from 1793 to 1799 and 1817 to 1821). This missing data will to be replaced by observations from Avignon, Montpellier or Nîmes.

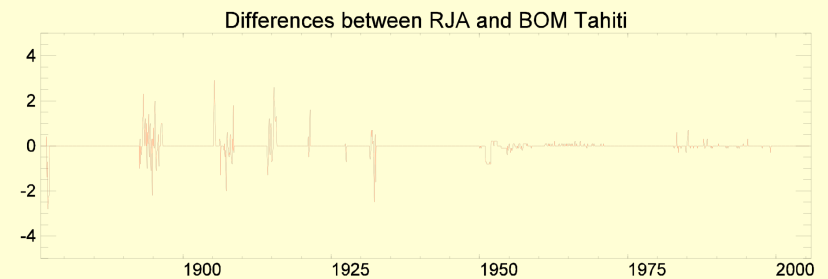
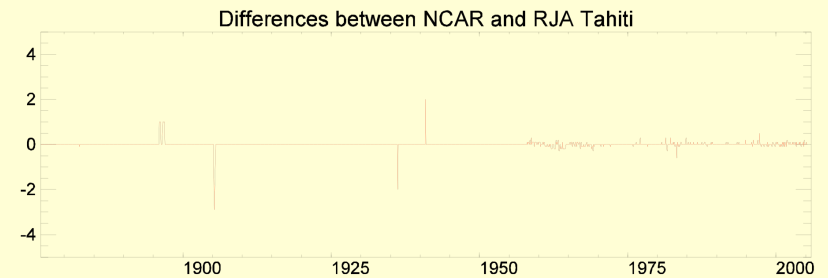
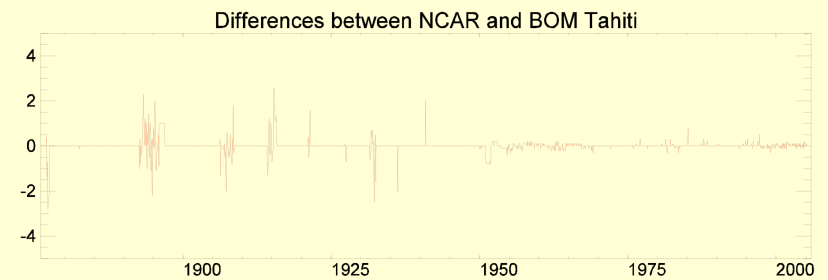
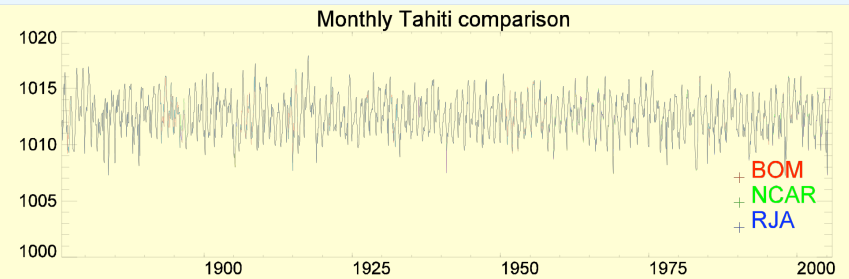
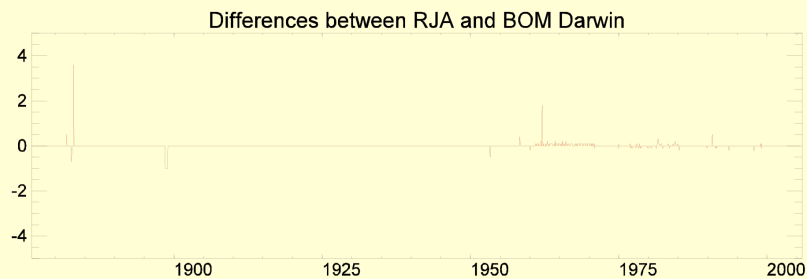
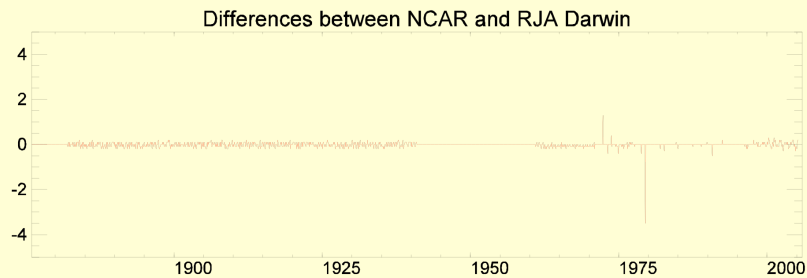
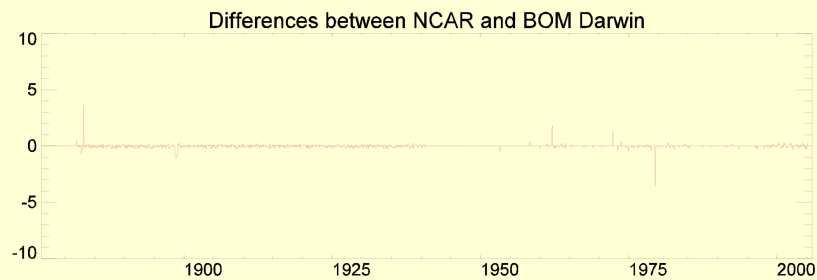
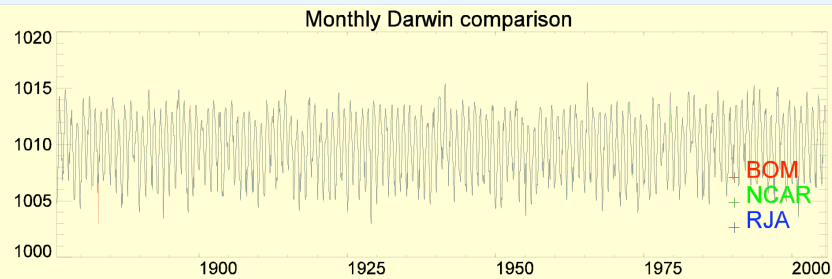
Catelin le Cadet (basse ville):	1746-1787
Pezenas (Observatoire des Accoules)	1761-1763
Saint-Jacques de Silvabelle (idem)	1766-1789
Thulis (idem)	1790-1817
Gambart (idem)	1822-1828
Etc [1828-at the present days]	1828- ...

The data of the periods 1 and 2 (1717-1730 and 1730-1739, 1743) are in electronic form, and can be sent to you by e-mail. The digitising of the daily data (thermometer, pressure, state of the sky, rain) from Catelin le Cadet (43 years) is in progress. But is a large task: 2 observations of temperature and 3 of pressure every day (about 78 000 data). For Pezenas, Silvabelle and Thulis, the digitising has not been performed. In the nineteenth century, the daily and monthly data were published from 1823 or so. The daily observations of temperature are actually to be digitised by Meteo-France, but not the pressures. I possess the latest.

Georges Pichard
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13008 Marseille
georgpichard@yahoo.fr

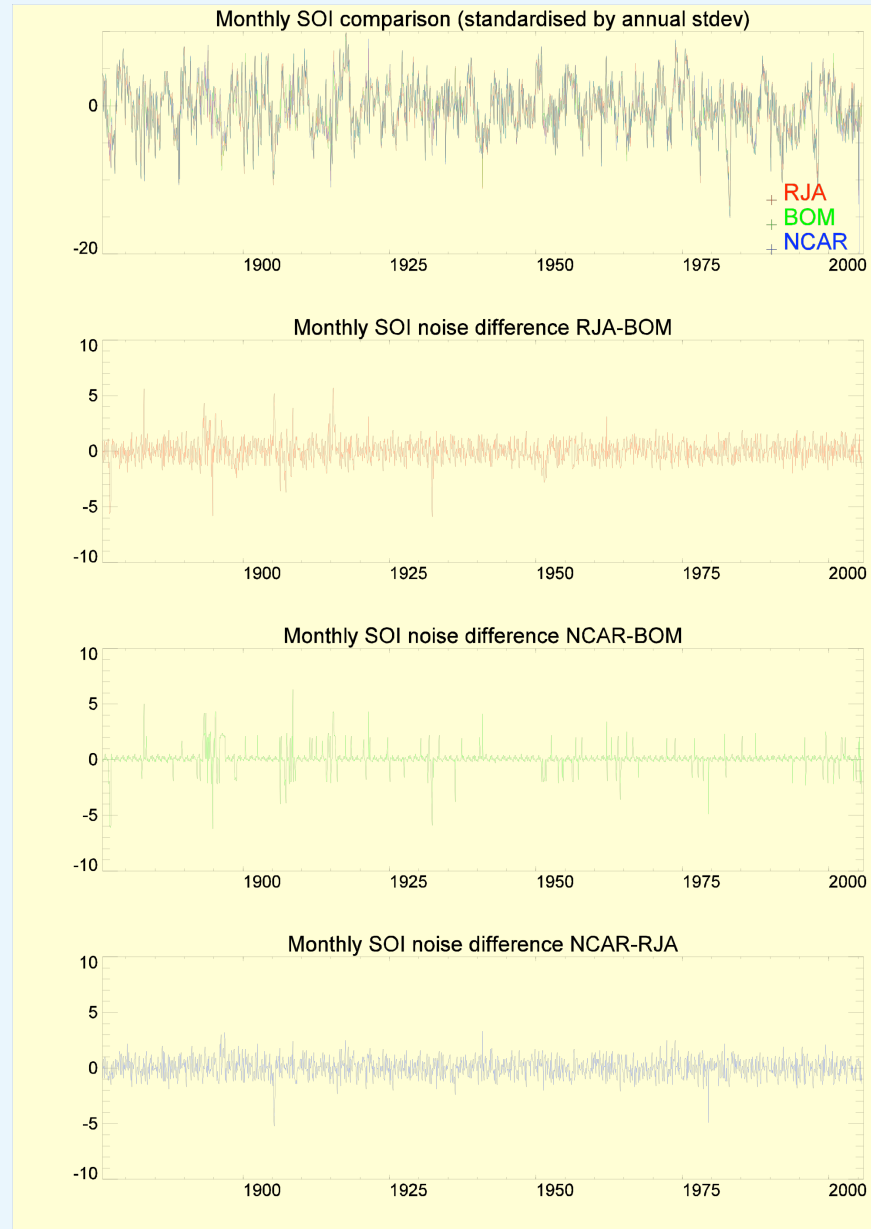
Hadley Centre has monthly MSLP from 1851 to present

DARWIN & TAHITI MSLP



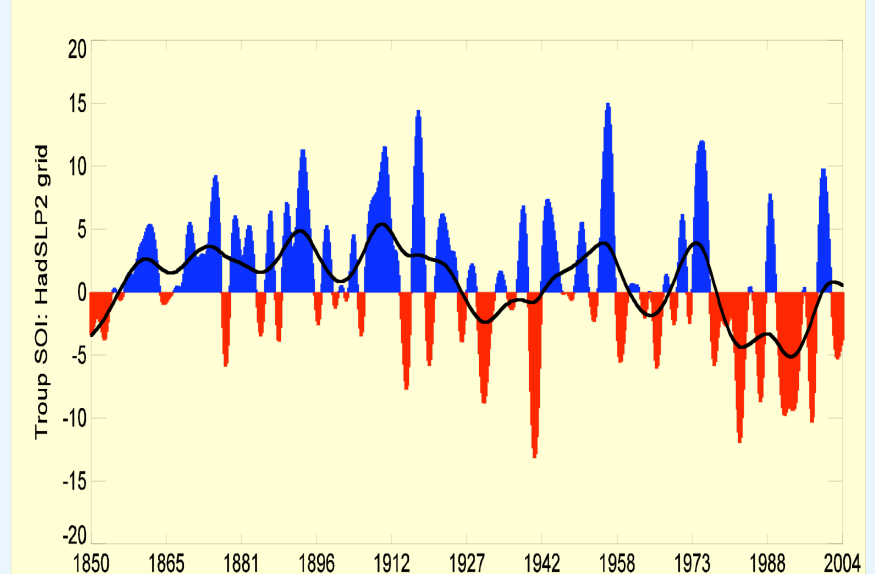
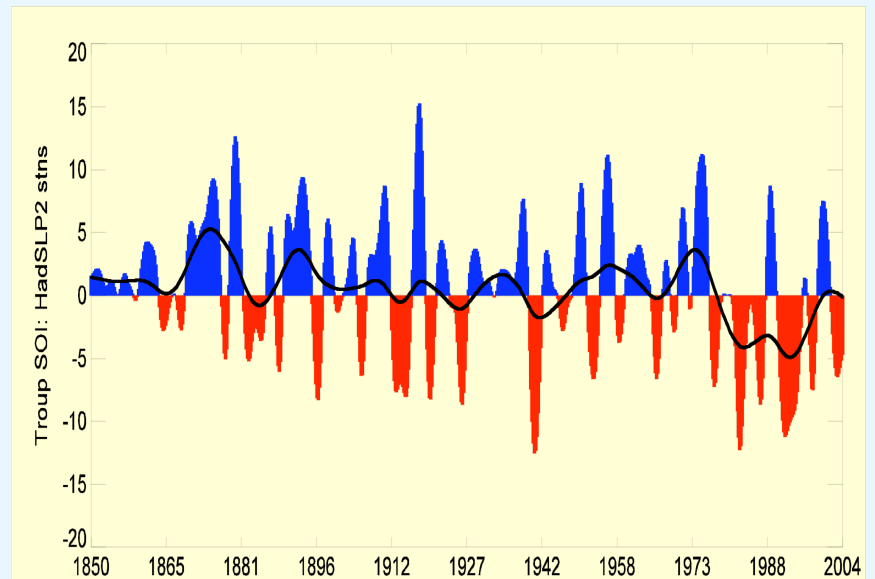
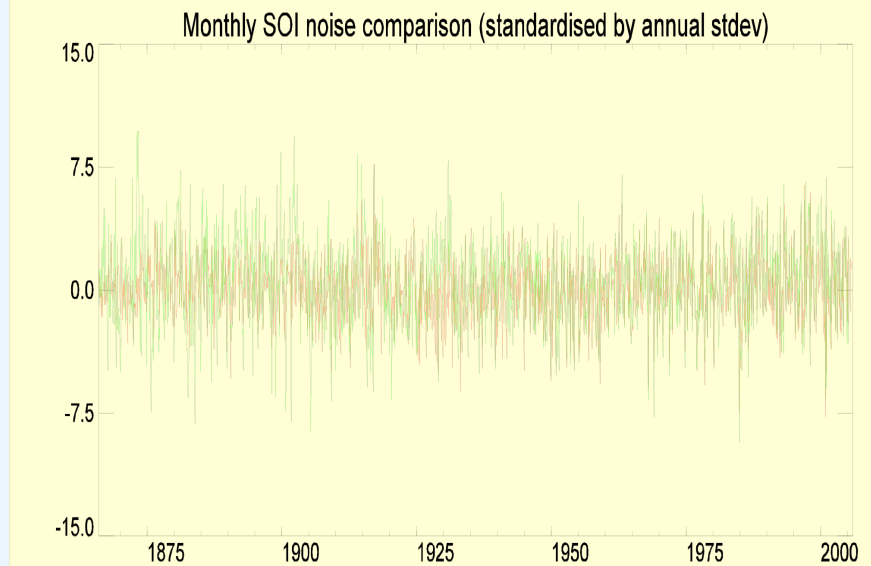
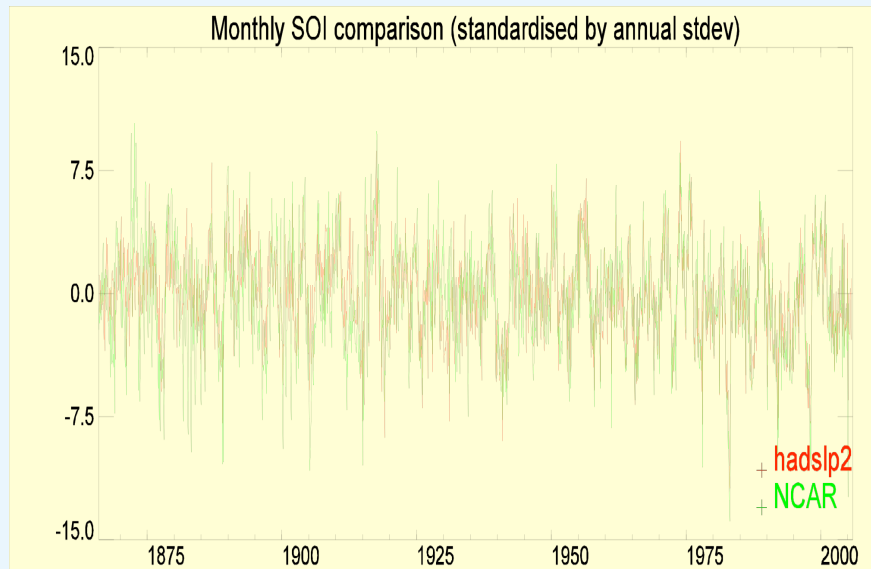
SOI SIGNAL & NOISE

STATION DATA



SOI SIGNAL & NOISE

STATION vs HadSLP2p GRID POINT DATA

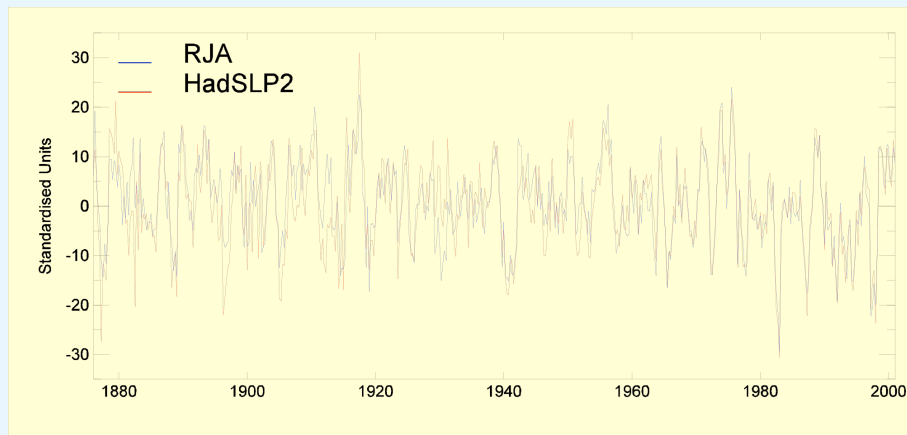
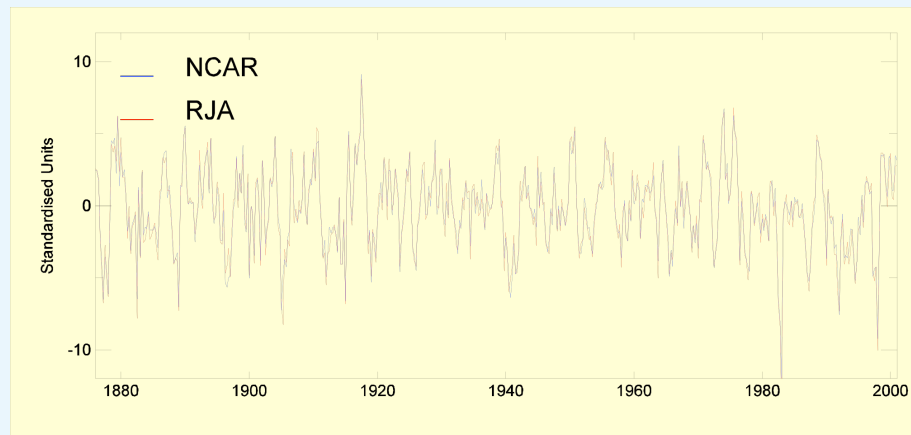
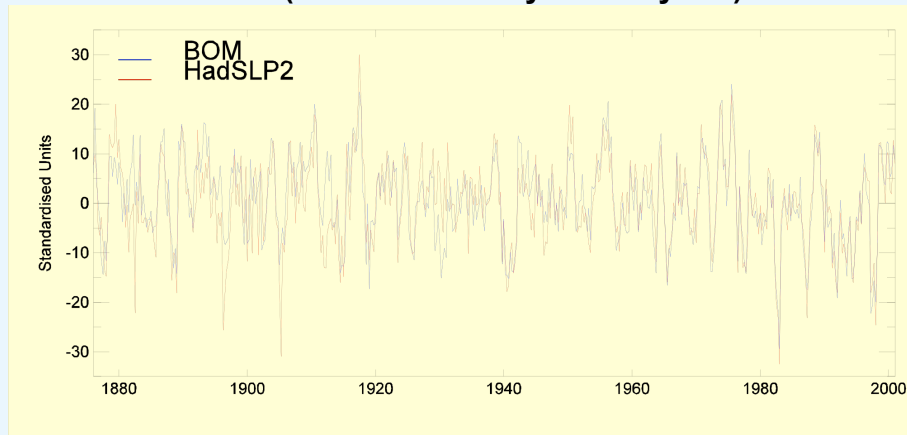
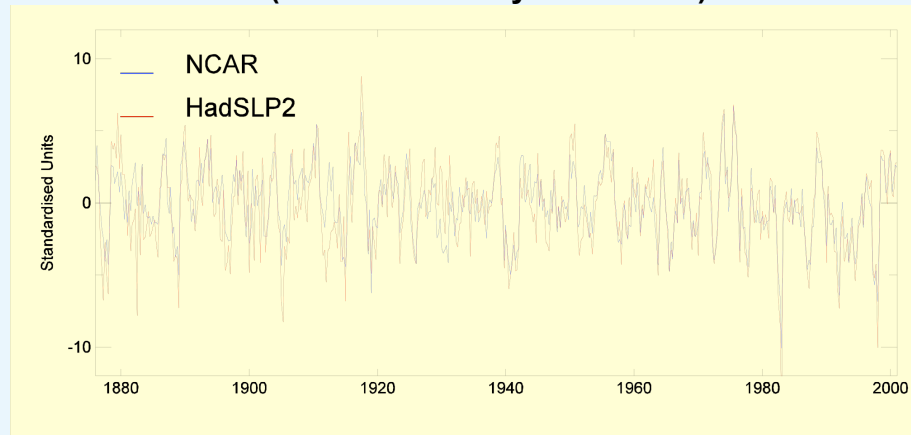


SOI SIGNAL

STATION vs HadSLP2p GRID POINT DATA

(Standardised by annual std)

(Standardised by monthly std)



SOI SIGNAL & NOISE

STATION vs HadSLP2p GRID POINT DATA

